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BULLETIN
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OF
PRESIDENT'S OFFICE

PURDUE UNIVERSITY.

VOL. 7.

APRIL, 1907.

No. 6.

ANNOUNCEMENT OF THE COURSES

IN THE

SCHOOL OF PHARMACY

1907 - 1908

AND

CATALOGUE OF STUDENTS,

1906 - 1907.

PUBLISHED BY PURDUE UNIVERSITY, AT LAFAYETTE, INDIANA,
IN OCTOBER, NOVEMBER, FEBRUARY, MARCH AND APRIL.
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UNIVERSITY COURSES OF STUDY.

Purdue University embraces seven departments of instruction, the courses in each of which extend through four years and lead to the degree of Bachelor of Science (B. S.)

These departments are :

1. A SCHOOL OF MECHANICAL ENGINEERING.
2. A SCHOOL OF CIVIL ENGINEERING.
3. A SCHOOL OF ELECTRICAL ENGINEERING.
4. A SCHOOL OF SCIENCE.
5. A SCHOOL OF AGRICULTURE.
6. A SCHOOL OF PHARMACY.
7. A SCHOOL OF MEDICINE.

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6 1917

Twenty-fourth Annual Announcement

OF THE

School of Pharmacy

1907 - 1908.

INDIANAPOLIS:

WM. B. BURFORD, PRINTER AND BINDER.

1907.

BOARD OF TRUSTEES.

JAMES M. BARRETT.....	Fort Wayne.
DAVID E. BEEM.....	Spencer.
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WILLIAM V. STUART.....	LaFayette.

OFFICERS OF THE BOARD.

WILLIAM V. STUART.....	PRESIDENT.
DAVID E. BEEM.....	VICE-PRESIDENT.
EDWARD A. ELLSWORTH.....	SECRETARY.
JAMES M. FOWLER.....	TREASURER.

CALENDAR 1907-1908.

1907.

Entrance examination.....	Tuesday, September 10, 8:30 A.M.
Examination of delinquents..	Tuesday, September 10, 8:30 A.M.
First semester begins.....	Wednesday, September 11, 10 A.M.
Thanksgiving recess..	November 27, 12 M. to December 2, 8 A.M.
Christmas holiday begins.....	Saturday, December 21, 12 M.

1908.

Christmas holiday ends.....	Thursday, January 2, 1 P.M.
First semester ends.....	Saturday, February 1, 12 M.
Second semester begins.....	Monday, February 3, 8 A.M.
Commencement, School of Pharmacy...	Wednesday, March 25.
Commencement day.....	Wednesday, June 10.

SCHOOL OF PHARMACY.

FACULTY.

WINTHROP ELLSWORTH STONE, PH. D.

President of the University.

ARTHUR L. GREEN, PH. C. ; M. D. ; PH. D.,

Dean and Professor of Chemistry.

STANLEY COULTER, PH. D.,

Professor of Biology.

JULIUS W. STURMER, PH. G.,

Professor of Pharmacy.

BENJAMIN M. HOAK, PH. G.,

Assistant Professor of Materia Medica.

FRED W. GORDON, PH. C. ; B. S.,

Assistant in Chemistry.

SPECIAL LECTURERS.

In addition to the regular members of the faculty the following named special lecturers have assisted in certain instruction :

Pharmaceutical Jurisprudence—

MARTIN A. QUINN, LaFayette.

Different Commercial Topics—

THOMAS BURK, Traveling Salesman with Mooney-Mueller Drug Co., Indianapolis.

AUGUST J. DETZER, Traveling Salesman with Mooney-Mueller Drug Co., Indianapolis.

CHARLES DOWNING, Traveling Salesman with A. Kiefer & Co., Indianapolis.

J. K. LILLY, President Eli Lilly & Co., Indianapolis.

LOUIS H. SCHULMEYER, Chemist with Daniel Stewart, Indianapolis.

A. L. WALTERS, Botanist with Eli Lilly & Co., Indianapolis.

COMMITTEE ON EDUCATION OF THE INDIANA PHARMACEUTICAL ASSOCIATION.

BRUNO KNOEFEL, New Albany.

LUTHER R. GIFT, Converse.

CASSIUS E. ELLIOTT, Sheridan.

GENERAL STATEMENT.

PURDUE UNIVERSITY is the State Institute of Technology. It derives its name, through legislative enactment, from John Purdue, who gave to the State for the use of the institution one hundred and fifty thousand dollars. It has also received a number of gifts from other individuals.

It has an endowment fund of three hundred and forty thousand dollars, received from the general government, and is further supported by legislative appropriations and by the proceeds of annuities granted by the general government.

Its nonproductive plant is valued at about nine hundred and fifty thousand dollars. This includes two hundred and forty acres of land, twenty-three buildings, and a most extensive equipment, including laboratories, shops, museums, library and reading rooms.

The School of Pharmacy of Purdue University offers excellent training for those who expect to engage in the retail drug business and for those who desire to enter the laboratory of a manufacturing pharmacist. The instruction also constitutes a good preparatory course for those who anticipate attending a school of medicine.

Students are engaged at the University about six hours each day. About two-thirds of this time is devoted to laboratory work, and one-third to lectures and recitations. There are neither lectures, recitations nor quizzes in the evening, that time being allotted to home study and to preparation for the ensuing day's work. The student has, therefore, no time for clerking in a drug store, and must devote his undivided time and energy to his school work.

A complete catalogue of the University will be sent on application.

All correspondence relating to the School of Pharmacy should be addressed to ARTHUR L. GREEN, DEAN, LAFAYETTE, INDIANA.

SPECIAL STATEMENT REGARDING THE PHARMACY LAW, AND THE RULINGS OF THE BOARD OF PHARMACY.

An act of the Legislature of 1899 requires all druggists in Indiana to obtain a license. In order to secure such license the applicant must (1) pass an examination—(2) according to the grade of license sought, must have had either two or four years' experience in a drug store or pharmacy.

Section 3 of this act provides further that,

"In the case of an applicant for license as a Registered Pharmacist or as a Registered Assistant Pharmacist, who is a graduate of a school of pharmacy of such standing and requirements as are satisfactory to the Board of Pharmacy, the actual time spent in attendance at such school, shall be accepted as an equivalent for a term of service of equal length in a store or pharmacy where physicians' prescriptions are compounded."

The authorities of Purdue University are gratified to be able to announce that the Indiana Board of Pharmacy, at its regular meeting held July 12, 1899, had under consideration the standing and requirements of Purdue School of Pharmacy and found the same satisfactory in all respects. In accordance with this decision, it agrees, in the case of graduates of this school, to accept the time spent in attendance as an equivalent to an equal time spent in actual service in a store or pharmacy.

On April 12, 1905, the Board of Pharmacy adopted the following resolutions regarding schools and colleges of pharmacy:

Resolved, That after January 1, 1906, the privilege of counting time spent at college as equivalent to an equal length of time in a drug store shall be granted only to graduates of such school or college as conforms to the following standard:

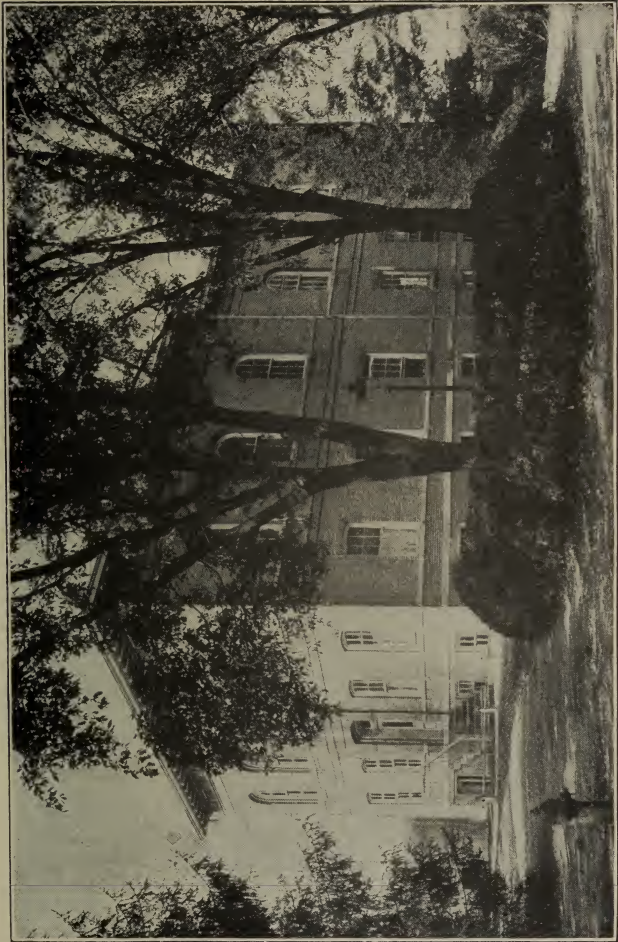
I. The school or college shall require that its candidates for admission show evidence of either having completed the first year in a commissioned high school, or of having completed an equivalent amount of work in any other school or academy.

II. Said school or college shall require for graduation an average grade of not less than 75 per cent.

III. The course shall consist of at least two school years of not less than 26 weeks each, excluding holidays.

IV. During the school years sufficient school work shall be provided so as to make clerking in a store impracticable.

Purdue School of Pharmacy conforms to these requirements, and is, as has been stated, recognized by the Indiana Board of Pharmacy.



THE PHARMACEUTICAL LABORATORY.

EQUIPMENT.

LABORATORIES.—These are properly furnished with weighing tables, supply shelves, and individual working tables for the accommodation of over 100 students.

STORES AND STORE ROOMS.—All apparatus, drugs and chemicals used in the laboratory work described in the succeeding pages are furnished by the University; none need be supplied by the student. To expedite the issuing of drugs and chemicals there are spécial store rooms, as follows: One containing supplies for manufacturing chemistry and pharmacy, one for analytical chemistry, one for prescription work, and one for supplies in pharmacognosy and microscopy. The apparatus is kept in a general store room, and is furnished the student by a "storekeeper," who is always in attendance during laboratory hours. We believe that the system employed for the distribution of supplies and apparatus to the students works the highest possible convenience. Much of the student's time is saved thereby.

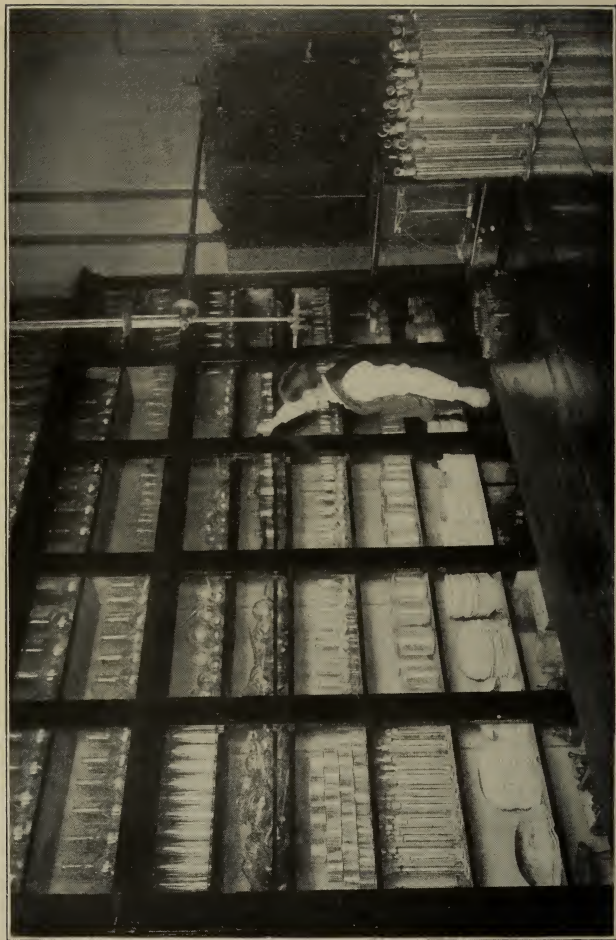
SPECIAL APPARATUS.—In addition to the apparatus already mentioned, there is the usual lecture table apparatus for lecture experiments in chemistry and pharmacy. Also a fine stereopticon, with reflectoscope attachment, and special apparatus for

special work; for instance, a Laurent polariscope, a combustion furnace, a Eureka tablet machine, pill coaters, all the modern suppository machines, etc.

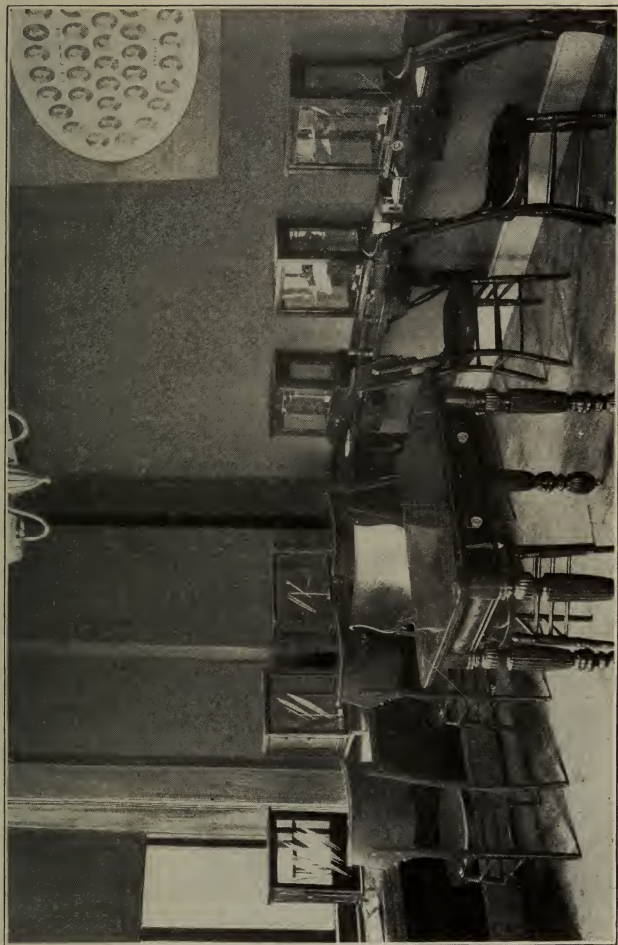
WEIGHING FACILITIES.—For quantitative analysis, there are 15 fine analytical balances—eleven Sartorius short arm, sensitive to .0001 Gm.; two Becker's analytical balances, and two balances made by Eimer & Amend. The prescription room is well supplied with prescription balances and the general laboratories with balances for less delicate weighing.

SPECIMEN CABINETS.—For the study of pharmacognosy there are cabinets of over 2,500 specimens of drugs, chemicals and preparations. These cabinets are for class work, and are known as "working cabinets." There is also the Eli Lilly & Co. reference cabinet of crude drugs (roots, barks, leaves, flowers, seeds, etc.), as they occur in the drug market. Finally a collection of rare drugs, an herbarium of medicinal plants, and a collection of minerals. For microscopic pharmacognosy, and for the detection of adulteration in drugs, there are microscopes, and appliances for section cutting, mounting and similar work.

BOOKS AND REFERENCES.—The leading pharmaceutical journals are kept on file, accessible to the student. Students also have access, under certain restrictions, to the standard reference books on materia medica, chemistry and pharmacy.



A CASE OF GLASSWARE IN THE APPARATUS STORE ROOM.



A CORNER IN THE BALANCE ROOM.

COURSES OF STUDY.

In the School of Pharmacy are offered three courses of study:

1. A course of two years leading to the degree of Graduate in Pharmacy.

For description see page 14.

2. A graduate course of one year.

For description see page 29.

3. An assistants' course.

The instruction here given affords a preparation for those who desire to become Registered Assistant Pharmacists in the State of Indiana.

For description see page 31.

In the School of Science is offered a course including the general subjects of English, modern languages, mathematics, history, economics and natural sciences, with a series of electives in pharmaceutical subjects. This course is four years in length and leads to the degree of Bachelor of Science in Pharmacy.

For information, see the University catalogue or address the Registrar of the University.

THE TWO-YEAR COURSE.

DEGREE GIVEN.

Graduate in Pharmacy.

LENGTH OF COURSE.

Two years: One of thirty-eight and one of twenty-seven weeks. The next year opens Wednesday, September 11, 1907.

REQUIREMENTS FOR ADMISSION.

Candidates for admission must show evidence of either having completed the first year in a commissioned high school, or of having completed an equivalent amount of work in any other school or academy. Store experience is not a requirement for admission.



EXERCISE IN PHARMACY LABORATORY WORK.

REQUIRED SUBJECTS.

FIRST YEAR.

SUBJECTS.	No. of Hours in Lecture Room.	No. of Hours in Labora- tory.
1. <i>Pharmacy</i>	104	150
2. <i>Inorganic Chemistry</i>	95	60
3. <i>Organic Chemistry</i>	95	
4. <i>Inorganic Qualitative Analysis</i>	50	175
5. <i>Organic Qualitative Analysis</i>	30	105
6. <i>Materia Medica</i>	102	38
7. <i>Botany</i>	12	20
Total number of hours for the year.	488	548
Average per week	27	

SECOND YEAR.

8. <i>Pharmacy</i>	141	225
9. <i>Prescription Work</i>	40	80
10. <i>Inorganic Pharmaceutical Chemistry</i> ...	70	
11. <i>Organic Pharmaceutical Chemistry</i>	65	
12. <i>Materia Medica</i>	108	
13. <i>Recognition</i>		54
Total number of hours for the year.	424	359
Average per week	29	

TOTAL NUMBER OF HOURS.

	In Lecture Room.	In Labora- tory.	Total.
Both years (sixty-five weeks) ..	912	907	1819
Average per week	14	14	28



AN OPERATION IN MANUFACTURING CHEMISTRY AND PHARMACY.

DESCRIPTION OF THE REQUIRED SUBJECTS.

FIRST YEAR.

1. *Pharmacy.*

Class Work, 10½ Hours.

(a.) Lectures and recitations on systems of weight and measure, specific gravity and its practical utility; on heat, its generation, its measurement, and its use in pharmacy.

There will also be lectures and recitations on the various processes and manipulations which find application in pharmaceutical practice: as comminution, solution, filtration, evaporation, precipitation, crystallization, percolation, etc., etc. The working formulas for the manufacture of pharmaceutical preparations will be given; the various methods will be criticised and the merits and demerits of each pointed out to the student.

(b.) The official, and the important unofficial galenical preparations will be subjected to systematic study. Special attention will be given to the chemistry involved.

(c.) The composition of the more important galenical preparations and composite medicines will be studied.

(d.) A practical course in *pharmaceutical arithmetic* will be given. Calculations which find application in practical pharmacy, in manufacturing, and in analytical work, will be taught.

Laboratory Work, 150 Hours.

In the laboratory each student will make, independently, though under the personal supervision of the instructor, the following preparations:

Medicated waters.
Solutions.
Syrups.

Extracts.
Masses.
Glycerites.



CLASS IN QUALITATIVE ANALYSIS.

Elixirs.	Confections.
Infusions.	Honeyes.
Decoctions.	Powders.
Vinegars.	Oleates.
Tinctures.	Ointments.
Fluid extracts.	Cerates.
Soluble extracts.	Plasters.
Spirits.	Pills.
Mucilages.	Capsules.
Mixtures.	Troches.
Liniments.	Suppositories.
Emulsions.	

This, like all the laboratory work in the course, is obligatory ; but students who have had much experience and have acquired special skill in manufacturing will be excused from part or all of the above and provided with advanced work.

2. Inorganic Chemistry.

Class and Laboratory Work, 155 Hours.

(a.) Nomenclature and Notation. Students learn thoroughly the scientific names and the symbols of the more important chemical elements, and the scientific names and chemical formulæ of various inorganic compounds, such as hydroxides, oxides, acids, salts and anhydrides.

(b.) Recitations on General Inorganic Chemistry.

(c.) Laboratory work in Experimental Chemistry.

3. Organic Chemistry.

Class Work, 95 Hours.

Recitations on General Organic Chemistry. A study is made of the classification of organic compounds, their scientific names, and their molecular and graphic formulæ.

4. Inorganic Qualitative Analysis.

Class and Laboratory Work, 225 Hours.

A study is made of rules on precipitation and on solubility. These rules are of great value, not merely in analytical work, but also in prescription work, where they aid the student in the study of the incompatibilities of inorganic substances. The general processes for the detection of acids and bases are studied by the student. He is also taught to write the equation for each chemical reaction.

In the laboratory the student verifies the rules on precipitation and solubility; he becomes thoroughly familiar with the chemical behavior of the various acids and bases; he repeatedly works through a scheme of separation and identification of the acids and bases; he then subjects individual unknowns (mixtures of chemical compounds) to a qualitative examination, and reports his results to the instructor.

5. Organic Qualitative Analysis.

Class and Laboratory Work, 135 Hours.

Lectures and laboratory work on the identification of the more important organic compounds.

6. Materia Medica.

Class and Laboratory Work, 140 Hours.

Recitations on official and unofficial medicines. A thorough drill is given on Latin and English names, in doses, and in "part used." History and habitat are given whenever of practical importance. Instruction is given in the therapeutic terms used in materia medica.

The student will be taught to identify crude vegetable and animal drugs by physical characteristics—appearance, taste, and color.

7. *Botany.*

Class and Laboratory Work, 32 Hours.

(a.) Lectures: Treating of the embryo, germination with its conditions and phenomena, structure, and functions of the parts of the plant body, assimilation, respiration, growth, irritability, movements, and fertilization.

(b.) Laboratory Work: A general study of the parts of the plant, and of plant families.

(c.) Laboratory work in which the student learns to identify and collect medicinal plants growing in this vicinity, making frequent trips to the surrounding country for this purpose.

SECOND YEAR.

8. *Pharmacy.*

Class Work, 1½ Hours.

Lectures and recitations on processes of preparation, impurities, and adulteration of chemical and pharmaceutical substances, with special reference to the manufacturing in the small way, as in the drug store.

At the end of this subject examinations are given on the Pharmacy of the first and second years, and in Prescription Work.

Laboratory Work, 22½ Hours.

Each student will make the following:

(a.) Inorganic Preparations. Crystallized sodium carbonate (from soda ash), sodium benzoate, sodium iodide, sodium bromide, sodium hydrate, sodium sulphite, sodium phosphate, sodium chlorate, sulphurated potassa, potassium acetate, copper sulphate, magnesium carbonate (light), magnesium carbonate (heavy), precipitated calcium phosphate, zinc chloride, red mercuric iodide, yellow mercuric oxide, red mercuric oxide, mercuric

chloride, mercurous chloride, mercuric subsulphate, nitrogen monoxide, nitric acid, ammonia water, chromic anhydride, precipitated sulphur, hydrochloric acid, chlorine water, solution of chlorinated soda, dilute hydrobromic acid.

(b.) Organic Preparations. Methane, chloroform, iodoform, alcohol (by fermentation), absolute alcohol, ether, ethyl acetate, potassium cyanide, hydrocyanic acid, oleic acid, soap, glycerin, ethylene bromide, acetylene, benzene (by distillation from crude benzole), nitrobenzene, aniline, sodium phenol-sulphonate, picric acid, benzoic acid.

(c.) Elegant Pharmaceuticals. Official and national formulary preparations, such as syrup of ferrous iodide, syrup of hydriodic acid, compound syrup of hypophosphites, syrup of white pine expectorant, elixir of iron, quinine and strychnine, of pepsin, bismuth and strychnine, granular effervescent salts, scale salts of iron, etc. Also certain toilet preparations which can be profitably manufactured in the store.

9. Prescription Work.

Class Work, 40 Hours.

(a.) Lectures in prescription reading, including Latin terminology, pharmaceutical nomenclature, and Latin phrases. There will also be class drills in reading prescriptions, for which purpose an extensive collection of lantern views for facsimile prescriptions has been made. In addition, the students have the use of thousands of prescriptions taken from the files of drug stores. This collection represents the prescription work of the principal cities of our State.

(b.) Lectures and recitations on incompatibilities.

Special attention is paid throughout the year to doses, solubility of chemicals, and to the composition of pharmaceutical preparations.



CLASS IN PRESCRIPTION WORK

Laboratory Work, 80 Hours.

In the dispensing laboratory, students experiment with incompatible mixtures, thereby becoming familiar with the difficulties commonly met with at the prescription counter, and learning how best to overcome them. Numerous prescriptions taken from the files of drug stores, besides many typical ones furnished by the instructor, are filled by the students.

The acquisition of manipulative skill—skill in measuring, weighing, powder folding, pill rolling, capsule filling, etc.—constitutes a prominent feature of this work.

10. Inorganic Pharmaceutical Chemistry.*Class Work, 70 Hours.***11. Organic Pharmaceutical Chemistry.***Class Work, 65 Hours.*

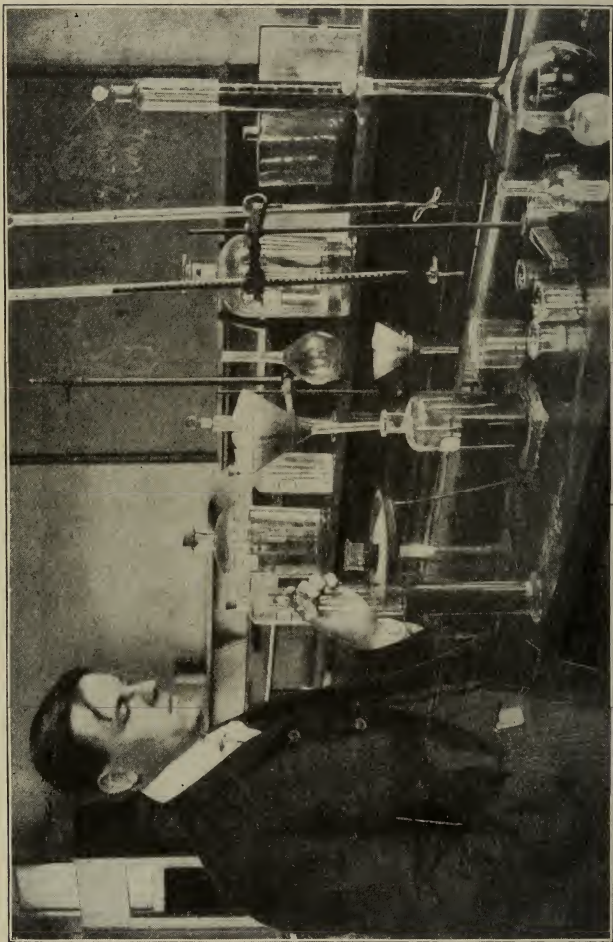
In these two subjects recitations are conducted on the inorganic and organic chemicals of the U. S. Pharmacopœia. Special attention is given to source, manufacture, permanence, impurities, industrial uses, and official standards.

12. Materia Medica.*Class Work, 108 Hours.*

Lectures and recitations. This subject includes all the official and many unofficial substances used in medical practice; inorganic and organic chemicals, natural products and crude drugs.

A study is made of their sources, Latin and English names, physical and chemical properties, compounds or preparations, medical action and use, antidote and dose. In case of crude drugs, the part used, active constituents, the geographic source, and adulterations are also given attention.

At the end of this subject examinations are given on the Materia Medica of the first and second years.



AN OPERATION IN PHARMACEUTICAL ANALYSIS.

13. *Recognition.*

Laboratory Work, 5½ Hours.

The student will be taught to identify chemicals by physical characteristics—appearance, taste, and color.

LAW LECTURES.

These are divided into two groups :

(a.) Dealing with checks, drafts, notes, mortgages, mechanics' liens, partnership, corporations, bankruptcy, leases, etc.

(b.) Dealing with pharmaceutical legislation and with the special legal responsibilities of the pharmacist.

COMMERCIAL PHARMACY.

During the school year there will be given a series of lectures on topics pertaining to commercial pharmacy. Some of these lectures will be given by members of the faculty; others by specialists and by successful business men.

While the primary object of this school is to give training in scientific pharmacy, the fact that the modern pharmacist must be a business man is not lost sight of, and a special effort is made to prepare the student for a successful career.

TEXT-BOOKS.

The following text-books (latest editions) will be used :

FIRST YEAR.

U. S. Pharmacopœia.

Caspari's Treatise on Pharmacy.

Sturmer's Course in Pharmaceutical Arithmetic.

Newell's Descriptive Chemistry.

Green and Vanderkleed's Course in Qualitative Chemistry.

Perkin and Kipping's Organic Chemistry.

Kellerman's Botany and Spring Flora.

Dorland's American Pocket Medical Dictionary.

SECOND YEAR.

Ruddiman's Incompatibilities in Prescriptions.

National Formulary.

EXPENSES.

Purdue University is a State institution ; therefore, the trustees grant free tuition to all students who enter from Indiana. All others are required to pay an annual tuition fee of twenty-five dollars.

THE UNIVERSITY FEES required of all students, with the above exception, will be as follows :

Entrance fee, payable annually on matriculation.....	\$5 00
Tuition fee, per annum.....	*25 00
Incidental fee, per annum.....	10 00
Laboratory and library fees, per annum.....	20 00

One-half of these fees is payable at the beginning of the first semester and one-half at the beginning of the second semester.

After October 1, no fees will be rebated to students who have withdrawn, except in cases of disabling sickness, and then only when application for the same is made at the time of withdrawal.

In addition a deposit of \$10.00 is required, to cover the cost of glassware and apparatus broken by the student in the laboratory work. The unused balance of this deposit is returned to the student.

At the end of the senior year a diploma fee of \$5.00 is required. *There are no other university fees.*

Table board may be had in LaFayette for \$3.00 per week. Furnished rooms, with two students in a room, can be had for \$1.00 (and over) per week. Other personal expenses are about the same as in any city of the Middle West.

*Chargeable only to non-residents of Indiana,

GRADUATE COURSE.

The instruction here offered extends over one year, and is open to graduates of the School of Pharmacy. No degree is given. No fees are charged. A breakage deposit of \$10.00 is required.

Analytical Chemistry.

Recitations and laboratory work in quantitative analysis, gravimetric and volumetric; practical laboratory work in toxicology, the study of poisons; pharmaceutical analysis, the assay of such drugs as opium, cinchona, and belladonna; and the chemical examination of such official substances as carbolic acid, oil of lemon, and sweet spirit of nitre. Laboratory practice is also given in the chemical analysis of foods.

Physiological Chemistry.

Recitations on fats, carbohydrates, and proteids; on the chemistry of foods, and on the chemistry of digestion. A study is made of the National Formulary and U. S. P. substances and preparations in which digestive ferments occur. Laboratory practice is given in the chemical and microscopical analysis of urine.

Pharmaceutical Literature.

A systematic course of reading and study of pharmaceutical journals.

Diseases.

Recitations and lectures on diseases and accidents. Special attention is paid to instruction in emergency treatment so as to enable the druggist to render proper assistance until the physician arrives.

Microscopic Analysis of Foods and Drugs.

(a.) General microscopic technique: Practice is had in section cutting, staining, and mounting.

(b.) Microscopic analysis: Examinations are made of the following: Rhubarb, beeswax, lupulin, lycopodium, acacia, elm, mustard, pomegranate, gamboge, kamala, senna, saffron, lactucarium, pepper, capsicum, ginger, allspice, cloves, cinnamon, mace and nutmeg, quillaja, quassia, digitalis, cinchona, podophyllum, belladonna.

Bacteriology.

A general course, utilizing the modern methods of culture for the study of bacteria, and bearing particularly upon bacteriological examination of water, sewage, ice, air, soil, milk, butter, etc., and the application of such results in the solution of modern sanitary problems.

Study is made of the more important pathogenic bacteria.

ASSISTANTS' COURSE.

The instruction here given affords a preparation for those who desire to become Registered Assistant Pharmacists in the State of Indiana.

The course begins Wednesday, September 10, 1907, and ends Saturday, December 21, 1907.

The work of this course includes the subjects given in the first three months of Course I. The standards of scholarship in these two courses will be the same.

Students completing the assistants' course, and returning to the University at some future time, will be given credit for the subjects included in the assistants' course.

REQUIREMENTS FOR ADMISSION.

Candidate for admission must show evidence either of having completed the first year in a commissioned high school, or of having completed an equivalent amount of work in any other school or academy.

FEEs.

Entrance fee	\$5 00
Incidentals fee	5 00
Laboratory and library fees	10 00

In addition a deposit of \$10.00 is required, to cover the cost of glassware and apparatus broken by the student in the laboratory work. The unused balance of this deposit is returned to the student.

COURSE OF STUDY.

Pharmacy.

(a.) Lectures and recitations on systems of weight and measure, specific gravity and its practical utility; on heat, its generation, its measurement and its use in pharmacy.

There will also be lectures and recitations on the various processes and manipulations which find application in pharmaceutical practice: as comminution, solution, filtration, evaporation, precipitation, crystallization, percolation, etc., etc. The working formulas for the manufacture of pharmaceutical preparations will be given; the various methods will be criticised and the merits and demerits of each pointed out to the student.

(b.) The official, and the important unofficial galenical preparations will be subjected to systematic study. Special attention will be given to the chemistry involved.

(c.) The composition of the more important galenical preparations and composite medicines will be studied.

(d.) A practical course in *pharmaceutical arithmetic* will be given. Calculations which find application in practical pharmacy, in manufacturing, and in analytical work, will be taught.

(e.) In the laboratory each student will make pharmacopœial preparations.

Chemistry.

(a.) Nomenclature and Notation. Students learn thoroughly the scientific names and the symbols of the more important chemical elements, and the scientific names and chemical formulæ of various inorganic compounds, such as hydroxides, oxides, acids, salts and anhydrides.

(b.) Recitations on General Inorganic Chemistry.

(c.) Laboratory work in experimental Chemistry.

Materia Medica.

Recitations on official medicines. A thorough drill is given on Latin and English names in doses, and in the "part used." History and habitat are given whenever of practical importance.

The student will be taught to identify crude vegetable and animal drugs by physical characteristics—appearance, taste, and color.

STUDENTS 1906-1907.

FIRST YEAR.

RILEY H. ALEXANDER.....	Connersville.
GEORGE H. BABCOCK.....	Decatur.
STEPHEN E. BAKER.....	Otterbein.
JAMES G. BENNETT.....	Pittsburg.
ALONZO D. BOOMERSHINE.....	Millersburg.
WILBUR F. BROWN.....	West LaFayette.
CARL H. DAVIS.....	Morgantown.
JOHN C. DRISCOL.....	Cripple Creek, Colo.
JOHN J. EARLY.....	Greenfield.
WILLIAM F. EPPLE.....	Ft. Wayne.
WILLIAM E. FISHER.....	Lake.
HARRY T. FRANCIS.....	Titusville, Pa.
ORRIE E. GALLUP.....	Spencer.
JOSE M. GARCIA.....	Porto Rico, W. I.
GEORGE H. GIFT.....	Rochester.
NOVEY E. GOBBEL.....	English.
ROBERT L. GOODBAR.....	Ladoga.
LEROY H. GRAFF.....	LaFayette.
CARL N. HADLEY.....	Mooreville.
OGLE B. HANCOCK.....	Campbellsburg.
BONNIE HAZLETT.....	Judson.
PETER HOOP.....	Shelbyville.
JESSE L. HOPPE.....	Redkey.
FLORENCE B. HOPPE.....	Redkey.

EMORY R. HOOVER.....	LaFayette.
VINAL JACKSON.....	West LaFayette.
CHARLES JUMP.....	Noblesville.
OTIS W. KENNEDY.....	Coal City.
JOE O. KNOEFEL.....	New Albany.
RUFUS B. KNOX.....	Rensselaer.
ENRIQUE L. LLAMAS.....	Barranquilla, Colombia.
ELKAN H. LEHRBURGER.....	Shoals.
OLIVER E. LIDDLE.....	Gineford.
ELSIE A. LUDWIG.....	Lawrenceburg.
ALBERT MERCHANT.....	Ft. Wayne.
ROSS C. MARTIN.....	Kokomo.
CHARLES V. MILLER.....	Shipshewana.
JULIUS W. MOELK.....	Richmond.
FRANK C. NASH.....	Brazil.
FORREST H. ORR.....	Delphi.
WILLIAM N. PARKER.....	Kirklin.
RALPH E. PORTER.....	Roachdale.
CLARK PRATHER.....	Franklin.
ANTONIO M. QUINTERO.....	Sancti Spiritus, Cuba.
CHARLES H. RICE.....	Kokomo.
ROY A. ROSS.....	Kentland.
ALBERT G. RUGGLES.....	Warsaw.
FRED D. RUH.....	Rochester.
LUCIEN C. SCHAEFER.....	Huntington.
FRED A. SEYBOLD.....	Edwards.
WILLIAM H. SHEARER.....	LaFayette.
FLOYD B. SOUDERS.....	Clinton.
HOMER STEPHENS.....	Ludlow, Ill.
LEANDER E. STRATTON.....	Ft. Wayne.
JOHN G. THOMPSON.....	Crawfordsville.
SAMUEL D. WELDY.....	Decatur.
BERNARD F. WILLIAMS.....	Bloomington.
CLYDE L. WISE.....	Rochester.

SECOND YEAR.

HARRY W. BEAVER.....	Elkhart.
HERSCHEL V. BENNETT.....	Shelburn.
GARLAND E. BLASE.....	Mt. Vernon.
HARRY E. BLUE.....	Star City.
JOHN H. BRADLEY.....	Huntington.
EDWIN J. BUECHNER.....	South Bend.
LEE W. DARTER.....	LaFayette.
JAMES C. DUNLEVY.....	Scottsburg.
ERNEST W. FRECH.....	Huntington.
JOHN G. GARDNER.....	Wabash.
JOHN H. GREEN.....	North Vernon.
J. FRED HAMILTON.....	Young America.
HOWARD J. HEARRINGTON.....	Muncie, Ill.
EDWARD D. HINE.....	Shelbyville.
KARL G. HORNUNG.....	Brookville.
HERBERT C. HUNTER.....	Greensburg.
EDGAR M. JOHNSON.....	Fowler.
HOWARD E. LEESON.....	Elwood.
MARIANNA LINDLEY.....	Bloomington.
HAROLD A. LIPINSKY.....	Huntington.
ROLAND V. LYBROOK.....	Young America.
GLENN F. LYON.....	West LaFayette.
CARL C. MCFARLAND.....	Camden.
JAMES S. MCMAHON.....	Covington.
GEORGE E. MAGER.....	Garrett.
ADDISON L. MARTIN.....	Ft. Wayne.
LEROY E. MEYER.....	South Bend.
LEONARD W. MIDDLETON.....	Warsaw.
ARTHUR B. MILLSPAUGH.....	Mt. Vernon.
FERDINAND L. MURR.....	Indianapolis.
GROVER C. ORR.....	Pierceton.
JOHN A. PROVINES.....	Spencerville.
LOUIS A. SALE.....	West LaFayette.

FRED E. SCANLING.....	Indianapolis.
LOGAN J. SCRITCHFIELD.....	Lowell.
KRASTON P. SCOTT.....	Hartford City.
MERRITT C. SECHLER.....	St. Joe.
FREDERICK B. SMUCK.....	Peru.
ROBERT C. SNODDY.....	West LaFayette.
CARL SPILLMAN.....	Oakland City.
WADE B. TEETER.....	Upland.
CHESTER WALTERS.....	Battle Ground.
FRANK J. WARD.....	Otterbein.
EMMA M. WELCH.....	La Grange.
HAL C. WEEVER.....	Mt. Vernon.
HERMAN J. WEINKE.....	Peru.
LISLE C. WILLIAMS.....	Chesterton.
ELMER E. WILLIAMSON.....	Marshall.
CLAUD R. WILLIAMSON.....	Albion.

SUMMARY.

First year.....	58
Second year.....	49
Total number of students in School of Pharmacy.....	107

ALUMNI.

With the Degree of Doctor of Pharmacy.

JOHN N. HURTY, M. D., analytical chemist, Indianapolis, Ind.. President, and Professor of Chemistry and Metallurgy in Indiana Dental College; Lecturer on Hygiene in Indiana Medical College; Secretary of State Board of Health.

GEORGE W. SLOAN, M. D., at one time President of the American Pharmaceutical Association; member of the Board of Trustees of U. S. P. Convention, and member of the Indiana Board of Pharmacy; deceased.

JOSEPH R. PERRY, M. D., deceased.

With the Degree of Graduate in Pharmacy.

1886.

ERNEST G. EBERHARDT, analytical chemist for Eli Lilly & Co., Indianapolis, Ind. Address, 116 North Arsenal Avenue.

MANUAL JAY, physician, Gunnison, Colo.

JOHN KENNEDY, at one time President of the Indiana Pharmaceutical Association, deceased.

EDWIN J. MOWRY, prescription clerk with J. E. Sturgis, Bluffton, Ind.

LOUIS H. SCHULMEYER, chemist for Daniel Stewart Co., wholesale druggists, Indianapolis.

BERT D. WESTENFELDER, address not received.

EMORY J. YEAGER, pharmacist in the firm of Wells, Yeager & Best Co., LaFayette, Ind.

1887.

- MILLARD CALDWELL, pharmacist in the firm Caldwell & Shinn,
Hartford City, Ind.
- WILLIAM H. DICKINSON, prescription pharmacist, 1031 Main
Street, Richmond, Ind.
- CHARLES L. HACKETT, pharmacist in the firm of John Hackett
& Son, Roanoke, Ind.
- WILLIAM M. ROSS, deceased.
- ALBERT W. SHOUP, physician, Battle Ground.

1888.

- PETER H. FETTERS, deceased.
- SAMUEL KENNEDY, physician, ex-vice-president State Medical
Society, member of the United States Pharmacopœial Con-
vention, 1900, Shelbyville, Ind.
- GEORGE C. MORRISON, pharmacist, Virginia Avenue and South
Street, Indianapolis, Ind.
- HENRY D. RIDGELY, deceased.
- WILLIAM H. STUDLEY, business manager and pharmacist to the
Riverside Sanitarium, 1370 Humboldt Avenue, Milwaukee,
Wis.
- WILLIAM H. VAWTER, West LaFayette, Ind.

1889.

- ADEN L. CAVINS, deceased.
- HENRY H. HARRIS, Boswell, Ind.
- LUTHER J. HORD, with the Westfall Drug Co., Oklahoma City,
Okla.
- MERIT POST, with American Posting Service, Chicago, Ill.
- CHARLES W. SHAFER, pharmacist in the firm of Shafer & Good-
win, Mentone, Ind.
- GEORGE SPITZER, Ph. G. Special lecturer on Poultry and Bee-
Keeping, Purdue University, Department of Agriculture.
- CORTICE M. WARNER, salesman with Eli Lilly & Co., manufac-
turing pharmacists, Indianapolis, Ind.
- DON CARLTON WHITEHEAD, pharmacist, Monclova, Ohio.

1890.

- ROBERT W. ALLEN, manager, Wright-Allen Pharmacal Co., 81 North Hamlin Avenue, Chicago, Ill.
- ELDEN BEAZLEY, pharmacist, Union, Ind.
- MOSES T. BOGGS, B. S., with the Weber Drug Co., Indianapolis, Ind.
- BERT CRITZ, prescription clerk, with the Marion Drug Co., Marion, Ind.
- JOHN E. DUNLAVY, pharmacist, Greencastle, Ind.
- WILLIAM E. EASTERDAY, with Some's Insurance, Real Estate and Collection Agency, 679 Ohio Street, Terre Haute, Ind.
- JOSEPH L. FEIBLEMAN, broker, dealing in drugs, chemicals, glassware, etc.; also in real estate business. Address, 736-738 Broad Street, Newark, N. J.
- GEORGE W. LACEY, address not received.
- ALVIN H. LEESER, pharmacist, 1806 West Harrison Street, Chicago, Ill.
- HENRY W. MEINZEN, pharmacist, 1129 Maumee Avenue, Ft. Wayne, Ind.
- FRANK RIGGS, Kansas City, Mo.
- FRANK E. SHATTUCK, traveling salesman, with Charles Leich & Co., Evansville, Ind. Address, Princeton, Ky.
- MARION A. STOUT, pharmacist, Bluffton, Ind. President I. Ph. A., 1904.
- CHARLES W. WATKINS, pharmacist, at the Eichrodt Pharmacy, Illinois Street, Indianapolis, Ind.
- MARION WESTFALL, pharmacist, corner Leffingwell Avenue and Morgan Street, St. Louis, Mo.

1891.

- JOSEPH H. ANDERSON, pharmacist, Madison, South Dakota.
- JONATHAN M. BAUER, pharmacist, Payne Avenue, corner 18th Street, Cleveland, Ohio.
- ISAAC D. BONNETT, pharmacist, in the firm of I. D. Bonnett & Co., 231 South Market Street, Shreve, Ohio.

- PAUL D. BROWN, pharmacist, Knightstown, Ind.
 CHARLES C. CRAMPTON, physician, Delphi, Ind.
 AUGUST DIEHL, pharmacist, 1233 North Fourteenth Street,
 LaFayette, Ind.
 WILLIAM S. GREEN, pharmacist, Central City, Colo.
 WILLIAM J. HART, deceased.
 ALVIN L. HILLS, address not received.
 JAMES W. KYLE, Manager Pharmacy Department, Boston
 Store, Chicago, Ill.
 JOSEPH O. McCARTY, deceased.
 JOHN S. MAX, address not received.
 OSCAR A. MEANS, with Dr. Stewart, Logansport, Ind.
 GEORGE C. METZGER, deceased.
 LOUIS W. PLOGSTERTH, pharmacist, in the firm of S. Mühl
 Drug Co., 2133 N. Illinois Street, Indianapolis, Ind. Resi-
 dence, 519 Davidson Street.
 FRED P. PYKE, pharmacist, corner Twenty-first Street and
 Central Avenue, Indianapolis, Ind.
 WILDEY F. REYNOLDS, pharmacist, corner Tenth and West
 Streets, Indianapolis, Ind.
 DAVID L. RIFE, with A. Kiefer Drug Co., Indianapolis, Ind.
 HARRY E. SHARRER, physician, Hammond, Ind.
 JAMES R. SPIVEY, postmaster, Bluffton, Ind.
 FRANK O. STABLER, deceased.
 JULIUS W. STURMER, Professor of Pharmacy, Purdue Univer-
 sity.

1892.

- JOSEPH D. BARTLETT, pharmacist, in the firm of Bartlett & Co.,
 LaFayette, Ind.
 FRANK M. BEST, pharmacist, in the firm of Wells, Yeager &
 Best Co., LaFayette, Ind.
 JOHN BRIGHT, traveling salesman, with The Tilden Co., St.
 Louis, Mo. Address, Wabash, Ind.

- ALBERT H. CAULKINS, traveling salesman, with Eli Lilly & Co., Indianapolis, Ind.
- FRANK CAVINS, Bloomfield, Ind.
- LOVE E. CRAMPTON (Mrs. Albert H. Caulkins), LaFayette, Ind.
- GEORGE E. CRAVENS, pharmacist, Bloomfield, Ind.
- JAMES F. FISKE, pharmacist, corner of Third and Broadway, Oklahoma City, Okla.
- NATHAN K. GARHART, President of the Garhart Dental Manufacturing Co., Canton, Ohio.
- L. EDWARD GREEN, pharmacist, in the firm of Andrews & Co., Connersville, Ind.
- FRANK GRIFFITH, pharmacist, with Great Northern Pharmacy, Dearborn and Jackson Streets, Chicago, Ill.
- NINA B. HART, professional nurse, 400 Chandler Avenue, Evansville, Ind.
- BENJAMIN M. HOAK, assistant professor of Materia Medica, Purdue University.
- EDWARD KADEL, manufacturing pharmacist, with Cook, Bell & Black, Terre Haute, Ind.
- JOHN W. MCMAHAN, physician, and Secretary of the Indiana Casualty Company, Earl Park, Ind.
- JOHN H. MILLER, prescription clerk, with R. G. Moore, Vincennes, Ind.
- JOHN ROSCOE MUTZ, pharmacist, in the firm of Mutz & Lynch, Edinburg, Ind.
- EMIL REYER, prescriptionist, with Leo Eliel, South Bend, Ind. Address, 514 Portage Avenue, South Bend, Ind.
- GEORGE B. SLOAN, with Eli Lilly & Co., Louisville, Ky.
- FRANK M. THORN, deceased.
- THOMAS A. WEST, deceased.

1893.

- GEORGE W. BATES, charge of Hospital Corps in Manila, P. I.
- JAMES BRADEN, deceased.
- JOSEPH E. CARSON, pharmacist, in the firm of J. E. Carson & Co., West LaFayette.

- JOHN C. CLARK, pharmacist, 648 East Washington Street, Indianapolis, Ind.
- ROWLAND E. CLARK, pharmacist, 4 West Market Street, Wabash, Ind.
- JOSEPH L. CRAMER, pharmacist, Covington, Ohio.
- MAYNARD M. ERB, vice-president and assistant manager Case-Fowler Lumber Co., Birmingham, Alabama.
- J. R. FRANCIS, pharmacist, in the firm of Francis Pharmacy Co., Indianapolis, Ind.
- WALTER L. GERHART, deceased.
- WALTER E. HARDMAN, physician, North Manchester, Ind.
- ISAAC M. HENDERSON, address not received.
- GUS HESS, deceased.
- JUSTUS C. HOUSER, Ph. C., pharmacist. in the Houser Drug Co., Flat River, Mo.
- JACOB A. LONG, prescription clerk, with C. C. Deam, Bluffton, Ind.
- MYRTLE L. MCMAHAN, teacher in public school, Los Angeles, Cal.
- LOREN B. MILLER, deceased.
- HENRY H. NEAL, deceased.
- JOHN H. ROCKWOOD, with J. F. Brennan, corner Market and 12th Streets, Logansport, Ind.
- JAMES H. WELLINGTON, prescription clerk with R. G. Rutherford, 180 Myrtle Avenue, Brooklyn, N. Y.
- WOOD WILES, pharmacist, Bloomington, Ind.
- LEONARD D. WORDEN, merchant, Momence, Ill.

1894.

- CHRISTIAN H. ALDERSMEYER, pharmacist, 92 Wells Street, Ft. Wayne, Ind.
- WILLIAM H. ARNETT, prescription clerk, with Huder's Pharmacy, 22 West Washington Street, Indianapolis, Ind.
- FRANK R. BASS, pharmacist, in the firm of G. W. Bass & Son, Martinsville, Ind.

- HARRY T. S. BEST, dispensing pharmacist at Eastern Hospital for Insane, Richmond, Ind.
- DALLY BLAND, in charge of laboratory, with T. P. Marshall, Macon, Ga.
- FRANK J. BOATMAN, pharmacist, 1704 Roosevelt Avenue, Indianapolis, Ind. Residence, 525 North New Jersey Street.
- HARVEY A. BURKEE, address not received.
- ALEXANDER M. CARTER, deceased.
- GEORGE A. CLAPSATTLE, pharmacist, 2514 Broadway, Ft. Wayne, Ind.
- GEORGE C. CULLOM, pharmacist, in the firm of Ashman & Cullom, Frankfort, Ind.
- EDWIN C. DOWNEY, attorney, Churubusco, Ind.
- OLIVER E. DUNN, pharmacist, Spencer, Ind.
- FREDERICK H. FLAUGHER, prescription clerk, with Bowles Bros., Bloomington, Ind.
- MABEL E. FLEMING, Princeton, Ind.
- WILLIS H. FOX, manager of the firm Fox & Tyler, Coldwater, Mich.
- OTTO F. GRAHL, with the Michigan Drug Co., Detroit, Mich.
- NORRIS H. HARDING, with Geo. A. Kelly Co., wholesale druggists, Pittsburg, Pa. Residence, 318 Elysian Avenue, E. E.
- GEO. W. C. HAINES, pharmacist, Clark's Hill, Ind.
- LEONIDAS C. HINCHMAN, prescription clerk, with A. Timberlake, 1542 College Avenue, Indianapolis, Ind.
- HARRY C. JAMES, prescription clerk, with the William Johnson Drug Co., LaFayette, Ind.
- ORLEY EVERT KENNON, city manager U. S. Life Insurance Co., offices, 1314 First National Bank Building, Chicago, Ill.
- J. DILLON KING, pharmacist, in the firm of J. D. King & Co., Thirteenth and Main Streets; also Thirteenth and Wabash Avenue, Terre Haute, Ind.
- WILLIAM F. KIRKHOFF, pharmacist, Welton and Twenty-second Streets, Denver, Colo.
- JOHN H. KNEALE, pharmacist, Brookston, Ind.
- CHARLES O. MAPLE, pharmacist, Bloomington, Ind.

AMOS M. MARSH, dentist, Washington Street, Indianapolis, Ind.
 THOMAS P. MARSHALL, president Baby Ease Drug Co., manufacturers, Atlanta, Ga.

HENRY M. MEHLIG, physician, Bellingham, Washington.

PERRY M. MURPHY, president Murphy Bros. Clay Co., 66 Lombard Building, Indianapolis, Ind.

GUSTAVUS A. PETERSDORF, physician; Professor of General Chemistry and Director in Chemical Laboratory of Indiana Medical College.

CONRAD SCHROEDER, pharmacist, in the firm of Hoop & Schroeder, Shelbyville, Ind.

OLIVER W. STEPHENSON, pharmacist, Orleans, Ind.

FREDERICK A. STOKES, physician, 1222 Capitol Avenue, Indianapolis, Ind.

GEORGE H. STOTLER, deceased.

EDWARD C. TINSLEY, physician, 1117 East 19th Street, Indianapolis, Ind.

ALVA I. ULRICH, address not received.

1895.

FRANK W. ARTHUR, deceased.

ABRY BALDWIN, pharmacist, Noblesville, Ind.

HENRY L. BEERMAN, address not received.

ARTHUR BEUKE, Secretary and Manager Meyer Bros Co., Ft. Wayne, Ind.

RUDOLPH P. BISCHOFF, with the Burkhart Brewing Co., Boston, Mass.

WALTER W. BRIGGS, manager, McDonald Drug Co., Main and Burdick Streets, Kalamazoo, Mich.

JAMES D. BROWN, pharmacist, Burnettsville, Ind.

ARTHUR B. CARR, pharmacist, Alabama and Nineteenth Streets, Indianapolis, Ind.

CHARLES CHAVIS, prescription clerk, with E. W. Pierson, 2605 West Michigan Street, Indianapolis, Ind.

CASSIUS E. ELLIOTT, pharmacist, Sheridan, Ind., President of the Indiana Pharmaceutical Association, 1905.

EDWARD FERGER, pharmacist, Illinois and Washington Streets,
Indianapolis, Ind.

GEORGE L. GARVER, 310 East Thirteenth Street, Connersville,
Ind.

HELENA K. GRAY (Mrs. A. R. DeCosta), deceased.

EDWARD H. JACKSON, pharmacist, Long Beach, Cal.

WILLIAM C. JONAS, 27 North Ninth Street, Hamilton, Ohio.

JOHN H. KAPPEL, pharmacist, 1336 West Main Street, Ft.
Wayne, Ind. Residence, 1137 East Lewis Street.

CORYDON M. KNOWLTON, pharmacist, in the firm of Keene &
Knowlton, 803 Kansas Avenue, Topeka, Kas.

MARTIN J. MAUCH, prescription clerk, with E. B. Merritt,
Frankfort, Ind.

JOHN L. McCLUNG, farmer, Rochester, Ind.

BERT L. McDILL, with E. C. Reick, 749 South East Street, In-
dianapolis, Ind.

CLAY F. MEEK, address not received.

HUBERT O. MOORE, attending the Indiana Veterinary College.
Residence, 1310 Nordyke Avenue, Indianapolis, Ind.

HARRY C. NEWLAND, secretary Tennessee Club, Memphis, Tenn.

GEORGE ORF, physician, Indiana Harbor, Ind.

SAMUEL R. PENSE, pharmacist, Rossville, Ind.

CHARLES W. REHLING, student, Rush Medical College. Ad-
dress, 505 East Lewis Street, Ft. Wayne, Ind.

ERNEST A. RICHEY, bookkeeper for the Standard Forging Com-
pany, Indiana Harbor, Ind.

REASON D. SANDERS, manufacturers' agent, 1710 Ruckle Street,
Indianapolis, Ind.

WILLIAM I. SCOTT, physician and pharmacist, Kokomo, Ind.

WILLIAM J. SNODDY, pharmacist, in the firm of Snoddy & Hay-
wood, West LaFayette, Ind.

BENJAMIN B. TAYLOR, deceased.

JOHN F. THORNTON, with Buntin Drug Company, Terre Haute,
Ind.

AGNES E. UHL, M. D., deceased.

CHARLES E. VANDERKLEED, A. C., head chemist, with the H. K. Mulford Co., Philadelphia, Pa. Address, 200 First Avenue, Collingwood, New Jersey.

WILLIAM M. WORSHAM, prescription clerk, with Corner Drug Store, Connersville, Ind.

1896.

JOHN W. ALMOND, Ph. C., deceased.

WILLIAM R. BANNON, Ph. C., Fort Barancus, Fla.

HARRY A. BIRK, Ph. C., pharmacist, Birk's Pharmacy, Meridian and Ohio Streets, Indianapolis, Ind.

J. E. BLINN, with Dr. Ruppe's Pharmacy, Albuquerque, New Mexico.

JOSEPH A. DEMING, pharmacist, 9221 Hough Avenue, N. E., Cleveland, Ohio.

FRED H. EBERSHOFF, prescription clerk, with E. M. Schnaible, LaFayette, Ind.

HENRY G. FOEHL, deceased.

H. E. FREEHAFFER, Ph. C., pharmacist, H. E. Freehafer & Co., 1236 West Washington Street, South Bend, Ind.

JOHN P. FRITZ, Ph. C., pharmacist, 637 Virginia Avenue, Indianapolis, Ind.

EDWARD R. HACKETT, in the firm of Philip Diels & Co., jeweler and optician, Marion, Ind.

F. P. HOOPENGARDNER, breeder of Early Yellow Dent Corn, Ossian, Ind.

HARRY C. HUNTER, pharmacist, Zanesville, Ind.

CHARLES E. INCO, Ph. C., prescription clerk, with John Laval & Sons, 220 Main Street, Evansville, Ind.

DAVID C. JORDAN, pharmacist, in the firm of McDonald & Jordan, Montpelier, Ind., and traveling salesman with the Sherwin-Williams Co., Cleveland, Ohio.

L. B. KING, prescription clerk, with I. N. Heims, Market and Illinois Streets, Indianapolis, Ind.

E. E. KRATZER, physician, Peru, Ind.

- EDWARD L. MERTZ, Ph. C., pharmacist, 2128 Calhoun Street, Ft. Wayne, Ind.
- W. W. MULKEY, pharmacist, Buena Vista, Ga.
- A. D. McDONELL, Ph. C., pharmacist, in the firm of McDonell & Jordan, Montpelier, Ind.
- C. M. McKELLIPS, Ph. C., Professor of Pharmacy, State Agricultural College, Corvallis, Ore.
- J. F. REINHART, pharmacist, in the firm of Zimmerman & Reinhart, 3103 South Adams Street, Peoria, Ill.
- CARL SCHELLER, with H. K. Mulford Co., 80-82 Wabash Avenue, Chicago, Ill. Residence, 6140 Lexington Avenue.
- EMIL N. SCHNAIBLE, Ph. C., pharmacist, Fourth Street, LaFayette, Ind.
- INEZ THOMPSON, Ph. C., with J. W. Boner, Elizabethtown, Ind.
- HARRY E. WEINLAND, Ph. C., prescription clerk, with F. W. Shultz, Brazil, Ind.

1897.

- EDMUND B. BARNARD, Ph. C., prescription clerk at Gate's Pharmacy, 1295 West Ravenswood Park, Chicago, Ill.
- HENRY M. BENTLY, Ph. C., pharmacist, Sidney, Ill.
- HARRY J. BORST, pharmacist, 3301 East Tenth Street, Indianapolis.
- CHARLES B. CRISS, pharmacist, Lyons, Ind.
- CARM S. CUNNINGHAM, pharmacist, Goshen, Ohio.
- VINCENT A. DITTOE, with Meyer Bros., Ft. Wayne, Ind.
- FRANK E. EHLE, Ph. C., pharmacist, in the firm of Davenport & Ehle, Bluffton, Ind.
- FRANK R. ELDRED, analytical chemist, with Eli Lilly & Co., manufacturing pharmacists, Indianapolis, Ind.
- HUGH GRIBBON, prescription clerk, with C. C. Stratton, Ouray, Colo.
- ADOLPH F. KLUTH, pharmacist, LaFayette, Ind.
- AUGUST KOEHNE, with H. W. Soest, 2522 Calhoun Street, Ft. Wayne, Ind.
- LOUIS A. KRAMER, Meyer Bros. Drug Co., Ft. Wayne, Ind.

- HENRY J. LINDAMAN, pharmacist, Washington, Ind.
- JOHN W. MCKENZIE, Ph. C., physician, 608 North West Street, Indianapolis, Ind.
- HARRY G. NORWOOD, teller, Lebanon National Bank, Lebanon, Ind.
- GEORGE J. NUSSBAUM, pharmacist, in the firm of Ranke & Nussbaum, Ft. Wayne, Ind., 202 West Berry Street.
- DELPHA OREM, teaching in the public schools. Address Vevay, Ind.
- JOSEPH O. PERKINS, Greencastle, Ind.
- GILBERT M. PHARES, chemist, with H. W. Gossard Co., Belvidere, Ill.
- OSCAR E. RUSSELL, traveling salesman, Parke, Davis & Co., Detroit, Mich. Home address, 35 West Tipton Street, Huntington, Ind.
- OSÉE A. RENAHAN, Wawaka, Ind.
- FRANK A. ROESENER, pharmacist, in the firm of F. A. Roesener Co., Delaware and McCarty Streets, Indianapolis, Ind.
- ROBERT B. SPRING, salesman, Union Pacific Tea Co., LaFayette, Ind.
- CHARLES W. STARZ, with W. F. Starz & Co., dealers in grain and coal, Fowler, Ind.
- WILL C. STURGIS, Ph. C., Secretary to Governor of the National Military Home, Marion, Ind.
- ALBERT J. THOMPSON, manager Thompson Drug Co., Graham, N. C.
- EARL P. WAGNER, Ph. C., studying medicine College Physicians and Surgeons, Chicago. Residence, 824 Park Avenue, South Bend, Ind.
- CARL C. WEISS, Ph. C., with A. Kiefer Co., wholesale druggists, Indianapolis, Ind.
- FRED R. WIDMER, pharmacist, Dayton, Ind.
- JESSE E. WILSON, prescription clerk, with Francis Drug Company, Pennsylvania and Ohio Streets, Indianapolis, Ind.
- ALBERT E. YEAGER, pharmacist, in the firm of Yeager & Pierce, two stores, 1911 West Washington Street and 1277 Oliver Avenue, Indianapolis, Ind.

1898.

- THOMAS H. BATTLE, prescription clerk, with H. M. Holtzclaw,
Perry, Ga.
- GEORGE L. BERRY, pharmacist, Terre Haute, Ind.
- J. L. BITTLE, grain merchant, Wingate, Ind.
- EDGAR K. BRAZELTON, traveling salesman for Albany Drug Co.,
Albany, Ga.
- ERNEST E. BROCKMAN, Ph. C., address not received.
- DEWITT G. BROWN, Ph. C., pharmacist, American Falls, Idaho.
- ELMER R. BURGIN, prescription clerk, with C. G. Mueller,
1068-70 Virginia Avenue, Indianapolis, Ind.
- THOMAS H. CLOSE, physician, Scottsburg, Ind.
- JOHN W. CONNOR, pharmacist, Salem Street, LaFayette.
- EARL H. COSNER, osteopathic physician, Upper Sandusky, Ohio.
- EDWARD L. FIESER, pharmacist, Rochester, Ind.
- GEORGE W. HAVENS, prescription clerk, with F. B. Johnson &
Co., Rushville, Ind.
- FRED C. KAPPUS, pharmacist, 514 Broadway, Lorain, Ohio.
- WARREN M. KNAPP, pharmacist, in the firm of Knapp & Son,
Flora, Ind.
- WALTER S. LAWSON, secretary and treasurer of the Whiteford
Chemical Co., 490 West Madison Street, Chicago, Ill.
- WILLIAM J. LENTZ, prescription clerk, with Gross Pharmacy
Co., Sixteenth and Welton Streets, Denver, Colo.
- EUGENE D. LUKE, prescription clerk, with Houseworth Bros.,
Elkhart, Ind. Residence, 500 Virginia Avenue.
- CHARLES R. LUSK, farmer, Bluffton, Ind.
- OTTO LIENKAEMPER, prescription clerk, with the Brown Drug
Company, LaFayette, Ind.
- LEOPOLD A. MATTES, traveling salesman, with the Miles Medi-
cine Co., Elkhart, Ind. Residence, 1312 South Main
Street, South Bend, Ind.
- F. W. H. MEINZEN, pharmacist, 1420 Walton Avenue, Ft.
Wayne, Ind.
- FRANKLIN W. MILLER, deceased.

GUY B. MILLER, traveling salesman, with Faxon, Horton & Gallagher, wholesale druggists, Kansas City, Mo. Address, Wichita, Kan.

W. H. O. MINTER, manager, Deschler Cigar Store, Indianapolis, Ind.

JUDSON D. MOSCHELLE, Ph. C., physician, 628 South Meridian Street, Indianapolis, Ind.

SIEGMAR MÜHL, JR., secretary and treasurer, S. Mühl Drug Co., 949 North and 2135 North Illinois Street, Indianapolis, Ind.

CLYDE McCARTY, with the Nebraska Telephone Co., Omaha, Neb.

AUGUSTUS McMILLAN, Ph. C., farmer, Richmond, Ind.

CLARENCE S. PRENTISS, Ph. C., pharmacist, Highland Park Pharmacy, Highland Park, Mich.

EDWARD L. RUDIG, deceased.

J. W. MILLER SCHMITT, deceased.

FREDERICK W. STELLHORN, pharmacist, Creighton Avenue and Oliver Street, Ft. Wayne, Ind.

HENRY V. VOGES, Ph. C., chemist to the Tilden Co., 1718 Olive Street, St. Louis, Mo.

FRED H. VOGT, pharmacist, 944 East Washington Street, Indianapolis, Ind.

CHARLES A. WARREN, Ph. C., advertising manager of the Northwestern Guarantee and Trust Co., Portland, Ore.

1899.

WARREN N. BENSON, Ph. C., address not received.

HALLIE J. BERNHARD, pharmacist, Palmyra, Mo.

WM. M. BLAIR, Ph. C., salesman, with Parke, Davis & Co., manufacturing pharmacists, Detroit, Mich. Address, Vincennes, Ind.

ERNEST A. BROWN, pharmacist, LaFayette, Ind.

JOHN LOUIS BUTSCH, Ph. C., pharmacist in the firm of Buntin & Butsch, Terre Haute, Ind.

- HENRY L. BYERS, Morgantown, Ind.
- WALTER M. CARAWAY, with the Milo E. Adams Cigar Co., Muskogee, Ind. Ter.
- KARL J. DECKER, Ph. C., traveling salesman, with The Miles Medicine Co., Elkhart, Ind. Address, Boston, Mass.
- WM. F. DOWNS, with W. H. Leslie & Son, Urbana, Ill.
- ERNEST ELLIOTT, pharmacist, St. Johns, Ore.
- JOHN A. GARRETTSON, physician, Indianapolis, Ind.
- FRED D. HERBOLD, secretary and treasurer of the Sanders-Howard Co-operative Ditch Co., Sanders, Mont.
- CHAUNCEY R. HITCH, pharmacist, 1302 Howell Street, LaFayette, Ind.
- CHARLES O. HOFFMAN, pharmacist, Arcanum, Ohio.
- SHERMAN A. JOHNSON, Ph. C., deceased.
- J. F. W. KANZLER, prescription clerk, with J. H. & E. A. Stuckmeyer, Indianapolis, Ind.
- A. H. KING, with Fenger Drug Co., corner Illinois and Washington Streets, Indianapolis, Ind.
- J. E. LEMMON, pharmacist, Washington, Iowa.
- ELBERT B. MERRITT, Ph. C., pharmacist, Frankfort, Ind.
- FRED A. MOORE, with J. D. King & Co., corner Thirteenth and Main Streets, Terre Haute, Ind.
- THOMAS E. MORRIS, pharmacist, Atlanta, Ind.
- CHARLES J. MOUTOUX, Ph. C., with Moutoux Bros., chemists, Indianapolis, Ind.
- HENRY M. MUGG, physician, Clark's Hill, Ind.
- CHARLES W. ORR, pharmacist, in the firm of Orr & Son, Arcadia, Ind.
- WILLIAM M. PURDY, pharmacist, 784 Superior Street, Detroit, Mich.
- JOHN D. PHELAN, pharmacist, Alabama and Sixteenth Streets, Indianapolis, Ind.
- CHARLES W. SCOTT, prescription clerk, with J. M. Scott & Son, Illinois and Sixteenth Streets, Indianapolis, Ind.
- JOSEPH A. SIGL, pharmacist, Ft. Wayne, Ind. 1425 Wells Street.

- OTTO L. SNYDER, address not received.
 WALTER C. STEDTFELDT, pharmacist, 2401 North Illinois Street,
 Indianapolis, Ind.
 CLEM THISTLETHWAITE, traveling salesman for Eli Lilly & Co.
 Address, Buffalo, N. Y.
 CLARENCE B. WATERS, with Prudential Insurance Co. Address,
 23 South 16th Street, Richmond, Ind.
 OLIVER P. WITHERS, pharmacist, 1243 Oliver Avenue, Indian-
 apolis, Ind.

1900.

- JACOB B. CLEM, with the Lee Turman Drug Co., 6th and
 Broadway, Logansport, Ind.
 FRANK S. CROCKETT, physician, LaFayette, Ind.
 GUY F. DAVIS, prescription clerk, with Long, Etter & Co.,
 Lebanon, Ind.
 GUS FERGER, with the Ache-Head Chemical Co., Indianapolis,
 Ind.
 AUGUST L. FLANDERMAYER, pharmacist, 3390 25th Street,
 Cleveland, Ohio.
 CHARLES H. FRANZ, pharmacist, corner Nebraska and South
 East Streets, Indianapolis, Ind.
 CHARLES W. FRIEDMAN, prescription clerk, with Charles B.
 Moellering, Ft. Wayne, Ind.
 EDMUND A. GEYER, prescription clerk, with Charles Coonley &
 Co., South Bend, Ind. Address, 503 W. Marion Street.
 JOSEPH E. HANEY, insurance agent, Peru, Ind.
 CHARLES L. HOFFMAN, deceased.
 WALTER W. JOHNSTON, prescription clerk, with H. S. Foulkes,
 401 North Fourth Street, Terre Haute, Ind.
 ROY C. MCKENNAN, pharmacist, in the firm of S. O. McKen-
 nan & Son, 521 Central Avenue, Connersville, Ind.
 CHARLES S. MILLER, physician, 249 Whitehall, Atlanta, Ga.
 FRANK E. MILLER, deceased.

- ALONZO M. PECKA, with Pecka Bros., Real Estate, Loans and Insurance, 512 West Washington Street, Phoenix, Ariz.
- ELZA O. RINGWALT, with C. S. Fair, corner Hanna and La-Salle Streets, Ft. Wayne, Ind.
- CHARLES SHROYER, pharmacist, Warsaw, Ind.
- CLYDE N. SMITH, Knightstown, Ind.
- JOHN W. TUDOR, prescription clerk, with J. A. Tudor, Homer, Ill.
- PAUL E. WOLTER, pharmacist, 506 West Division, South Bend, Ind.
- CHRISTIAN H. YOUNG, with the Young Drug Co., 805 Main Street, Petaluma, Cal.

1901.

- WILLIAM C. BARTHOLOMEW, analytical chemist, with Eli Lilly & Co., manufacturing chemists and pharmacists, Indianapolis, Ind. Address, 1511 North Alabama.
- WILLIAM E. BIXLER, deceased.
- AVERY E. DEUPREE, prescription clerk, with Mutz & Lynch, Edinburg, Ind.
- RALPH E. DORLAND, pharmacist, Williamsfield, Ill.
- EVANS A. EVANS, physician, Indianapolis, Ind.
- JOHN FOSLER, salesman with Alexander Drug Co., wholesale druggists, Oklahoma City, Okla.
- JOHN S. GATES, with the American Sheet and Tin Plate Co., Muncie, Ind.
- JESSE M. HARDMAN, prescription clerk, with Schaefer & Schaefer, Huntington, Ind.
- PHILIP G. HAUSS, in the laboratory of the Daniel Stewart Co., wholesale druggists, Indianapolis, Ind. Address, 932 North Senate Avenue.
- EUGENE JALBERT, with S. B. Leonardi & Co., wholesale druggists, Tampa, Fla.
- ROY M. JENNER, deceased.

- JOHN G. JONES, house physician, Deaconess Hospital, Indianapolis, Ind.
- ALBERT V. KIENLY, pharmacist, Sixth and Main Streets, LaFayette, Ind.
- D. RALPH LUCAS, student, College of Physicians and Surgeons, New York City.
- GUY L. McCARGAR, with the C. F. Adams Co., Installment House, Buffalo, N. Y.
- ALBERT M. McCLINTIC, farming, Columbus, Ind.
- FRED MASON, prescription clerk, Pfau Pharmacy, Jeffersonville, Ind.
- WILLIAM C. MENAUGH, pharmacist, Wingate, Ind.
- JAMES MONTGOMERY, pharmacist, Brook, Ind.
- WILLIAM C. NORRIS, prescription clerk, Norris Pharmacy, Frankfort, Ind.
- CHARLES T. PELZ, manager of the Lorenz Drug Store, 1007 West Franklin Street, Evansville, Ind.
- OSCAR PHILLIPS, address not received.
- LEWIS W. RAGAN, deceased.
- HARRY C. RANDEL, pharmacist, Ninth and Main Streets, Terre Haute, Ind.
- ROBERT R. RICE, prescription clerk, with A. V. Kienly, Sixth and Main Streets, LaFayette, Ind.
- HARRY H. RILEY, with Chas. Leich & Co., wholesale druggists, Evansville, Ind.
- WALTER L. SALMON, pharmacist, Brownsburg, Ind.
- ALEXANDER SAVAGE, prescription clerk, with Nye & Booe, Crawfordsville, Ind.
- JOHN J. SCHOENHOLTZ, manager Indiana Chemical Co., 330 Century Building, Indianapolis, Ind.
- ERMEN N. SHANK, with the firm Shank & Frysinger, Angola, Ind.
- HELMER W. SMIDT, with the Western Electric Co., 259 South Clinton Street, Chicago, Ill.
- MERLE C. SMITH, with the Owl Drug Co., Oakland, Cal.

HARRY SPICELY, prescription clerk, with R. P. Blodau, 402 Indiana Avenue, Indianapolis, Ind.

WILLIAM E. STUCKMEYER, studying medicine, Indiana Medical College, Indianapolis, Ind. Address, 847 English Avenue.

IRA L. TODD, prescription clerk, with The Gem Pharmacy, La Junta, Colo.

1902.

HERMAN BRIZIUS, pharmacist, Newburg, Ind.

STEPHEN M. DAVIS, pharmacist, Waynetown, Ind.

JOHN H. DUMBAULD, prescription clerk, with A. J. Stevens, 158 East Market Street, Huntington, Ind.

ARTHUR J. ESTABROOK, with H. E. Lesan Co., Advertising, St. Louis, Mo.

OTTO D. FERGER, manager of the Terminal Pharmacy, Indianapolis, Ind.

WILLIAM N. FRITZ, with the Mooney-Mueller Drug Co., wholesale druggists, Indianapolis, Ind.

DAVID W. FOSLER, house physician, Protestant Deaconess Hospital, Indianapolis, Ind.

WILLIAM C. FREUND, pharmacist, corner Highland Avenue and Michigan Street, Indianapolis, Ind.

WILLIAM H. FULLING, in the United States Navy.

SOLOMON GOLDSMITH, pharmacist in the firm Goldsmith Bros., 18th and Montcalm Streets, Indianapolis, Ind.

CHARLES U. HANNA, pharmacist in the Hanna Drug Co., Ladoga, Ind.

GEORGE H. HOLLIS, pharmacist, Fourth Street, LaFayette, Ind.

ALBERT M. HOPPER, pharmacist, in the firm of Hopper Bros., Fifth and Columbia Streets, LaFayette, Ind.

WILLIAM P. JOHNSON, prescription clerk, with A. C. Pilkenton, Greenfield, Ind.

DANIEL M. JONES, prescription clerk, with A. B. Jones, Lebanon, Ind.

JOSEPH A. KARDES, Stuckey's Pharmacy, corner Illinois and Ohio Streets, Indianapolis, Ind.

- CHARLES F. KELLAR, pharmacist, Brazil, Ind.
 LEROY B. KERLIN, with Heaston & Bechstein, Huntington, Ind.
 ROBERT C. KING, teaching in the Philippines.
 OVID B. LEWARK, prescription clerk, with the Dr. Lewis Drug Store, North Denver, Colo.
 RICHARD C. LIVINGSTON, pharmacist, Denver, Colo.
 ELLA B. LIVINGSTON, pharmacist, Upland, Ind.
 HENRY LUBBERS, pharmacist, in the firm of DeKruif & Lubbers, Orange City, Iowa.
 GARFIELD A. LUCAS, with the First Texas Chemical Manufacturing Co., Dallas, Texas.
 OTTO McCARTY, pharmacist, in the firm of J. H. McCarty & Son, Carthage, Ind.
 ALVA A. McROBERTS, prescription clerk, with J. L. Adams & Co., 601 Main Street, Richmond, Ind.
 ORRA MATTHEW, pharmacist, Mitchell, Ind.
 JOHN H. MEISER, pharmacist, Monticello, Ind.
 ARTHUR B. METCALF, prescription clerk, with J. D. Gauld, Indianapolis, Ind. Address, 931 North Senate Avenue.
 FREDERICK W. MILLER, pharmacist, in the firm of Miller & Son, 1801 LaFayette Street, Ft. Wayne, Ind.
 WADE H. MOSSMAN, with the Standard Paint Co., Marion, Ind.
 JOHN L. PAULLUS, pharmacist, in the firm of Paullus Bros., 3806 South Washington Street, Marion, Ind.
 WILLIAM D. REITER, manager of the People's Drug Store, Huntington, Ind.
 JESSE S. RUCKER, prescription clerk, with Geo. F. Mowrer, New Castle, Ind.
 HERMAN W. SANDER, Victor, Colo.
 ARCIENIKOS P. SCOTT, pharmacist in the Scotts' Drug Co., Hartford City, Ind.
 CHARLES SHULTIS, Brooklyn, Mich.
 RALPH M. STORMONT, prescription clerk, with Francis Pharmacy Co., Indianapolis, Ind.
 JAMES H. TAYLOR, deceased.
 HARRY L. WILT, pharmacist, Portland, Ind.

1903.

WILLIAM C. ALBERTSON, prescription clerk, with I. N. Heims,
101 North Illinois Street, Indianapolis, Ind.

HARRY E. ALLEMAN, address not received.

HARRY S. ALLEN, with E. H. Enners, 236 North Noble Street,
Indianapolis, Ind.

WILLIAM F. BENNINGHOFF, prescription clerk, with Depot
Drug Store, Ft. Wayne, Ind.

JAMES F. BENCE, pharmacist in the firm of Bonner & Bence,
Clinton, Ind.

WALTER F. BONGE, pharmacist in the firm of Bonge & Maddox,
Hartford City, Ind.

REYNOLDS COUDEN, pharmacist, in the firm of A. B. Graham
& Co., Mishawaka, Ind.

JOSEPH D. CONNELLY, deceased.

EDWIN W. ESSLINGER, student, University of Michigan.

CHARLES M. FOX, pharmacist, North Ninth Street, LaFayette,
Ind.

EDISON M. GARVER, prescription clerk, with J. F. Brennan,
Logansport, Ind.

JAMES E. GAYLORD, Kokomo, Ind.

GUY H. GUTHRIE, pharmacist, in the firm St. John & Guthrie,
Greensburg, Ind.

EDWIN J. HONER, prescription clerk, with J. D. Bartlett, Main
Street, LaFayette, Ind.

RUEL L. HOPKINS, address not received.

CLARENCE D. HOUCK, pharmacist, Shirley, Ind.

STANLEY W. JONES, pharmacist, 15 North Harrison Street,
Shelbyville, Ind.

OTTO N. KADEL, pharmacist, corner 13th and Poplar Streets,
Terre Haute, Ind.

ARTHUR C. MCCLINTOCK, prescription clerk, with Chas. Mc-
Clintock, Salem, Ind.

PEARL D. MARINE, with the Daugherty's Pharmacy, Fairmount,
Ind.

LEROY M. MEARS, with the Bastian Drug Co., South Bend, Ind.

- ROBERT A. MORRIS, pharmacist, St. Clair and Indiana Streets, Vincennes, Ind.
- EDWIN W. ORAMHOOD, pharmacist, Beresford, South Dak.
- HENRY F. OSTERMAN, with Central Pharmacal Company, manufacturing chemists, Seymour, Ind.
- JESSE R. PURKEY, pharmacist, in the firm Purkey's Pharmacy, Morocco, Ind.
- CHARLES E. REED, pharmacist, in the firm W. N. Reed & Son, Winchester, Ind.
- ROBERT A. REYNOLDS, pharmacist, New Paris, Ind.
- STEWART W. RUICK, prescription clerk, with Ashman & Cullom, Frankfort, Ind.
- LULU D. RUDDER, prescription clerk, with Rudder Pharmacy, Salem, Ind.
- OTTO B. SCHAAF, traveling salesman for Mooney-Mueller Drug Co., Indianapolis, Ind.
- NOBLE C. STIVER, at the Red Cross Pharmacy, Kokomo, Ind.
- ARTHUR G. SWAIDNER, prescription clerk, with Denslow Bros., Allegheny, Penn.
- CHARLES W. THOMPSON, Sioux City, Iowa.
- EUGENE C. WILDER, with Huff Pharmacal Co., Oglethorpe Avenue and West Broad Street, Savannah, Ga.
- HENRY V. WINK, Knightstown, Ind.
- BRADY V. WINSLOW, with J. H. Wulf, Preston and St. Catherine Streets, Louisville, Ky.
- MILO B. WRIGHT, with Central Pharmacal Company, Seymour, Ind.
- FLOYD V. ZIMMERMAN, pharmacist and optician, Mentone, Ind.

1904.

- LEWIS M. BRITTON, with the Opera House Drug Store, Alexandria, Ind.
- FRANCIS E. BIBBINS, in the chemical laboratory of Eli Lilly & Co., manufacturing chemists and pharmacists, Indianapolis, Ind. Residence, 625 S. Alabama Street.

- RALEIGH O. BILLMAN, pharmacist, 1702 Hoyt Avenue, Indianapolis, Ind.
- ALBERT W. CAMPBELL, student at North Western Dental School, Chicago, Ill.
- ROSCOE A. CARVER, prescription clerk, with E. L. Dickey & Co., Lapel, Ind.
- RAY S. DAWES, in the chemical laboratory of Eli Lilly & Co., Indianapolis, Ind.
- LEROY DONNELLY, pharmacist, Seventh and Hulman Streets, Terre Haute, Ind.
- LANDIS G. ENGLE, real estate agent, Danville, Ill.
- WILLARD C. GANTZ, prescription clerk, with Wm. P. Hewer, 1468 Liberty Avenue, Terre Haute, Ind.
- GEORGE T. GRAVES, prescription clerk, with W. P. Robinson & Co., Mishawaka, Ind.
- WILLIAM O. HOPPEs, prescription clerk, with J. S. Pierce, Redkey, Ind.
- LEONARD H. LANG, prescription clerk, with E. A. Scheffer, 527 East Jefferson Street, South Bend, Ind.
- CHARLES H. LAWSHE, pharmacist, Swayzee, Ind.
- WILLIAM F. LEWELLYN, deceased.
- JAMES H. B. LOGAN, JR., address not received.
- HARRY R. MADDOX, pharmacist, in the firm of Bonge & Maddox, Hartford City, Ind.
- HELEN C. MCKINNEY, Ph. G., Woodburn, Ore.
- GERTRUDE L. MILLER, with the Dr. Lewis Drug Store, corner Fifteenth and Curtiss Streets, North Denver, Colo.
- CLARENCE E. MILLER, pharmacist, 865 Virginia Avenue, Indianapolis, Ind.
- CLIFFORD V. NEWELL, with the Norwick Pharmaceutical Co., Indianapolis, Ind.
- ALPHA B. OTTO, dispensing pharmacist, at the National Military Home, Marion, Ind.
- FRANK S. PENCE, pharmacist, Kokomo, Ind.

WILLIAM C. H. ROESENER, prescription clerk, with the F. A. Roesener Co., Delaware and McCarty Streets, Indianapolis, Ind.

JAMES M. REDD, with the Manford C. Van Dorn Co., Covington, Ind.

LOUIS M. RICE, with the Page Blackburn Co., Decatur, Ind.

AUGUST C. SCHOENEFELD, prescription clerk, with the City Park Pharmacy, Fourteenth and Wabash Avenue, Terre Haute, Ind.

HARRY A. SCHWANKHAUS, manager of the Navin's Pharmacy, No. 3, 602 North Illinois Street, Indianapolis, Ind.

BERNARD W. SEAL, pharmacist, Loogootee, Ind.

RICHARD W. SMITH, pharmacist, 1301 N. Senate Avenue, Indianapolis, Ind.

ROBERT T. SPAIN, with the Osburns Pharmacy, 12th and Wabash Streets, Terre Haute, Ind.

ROY L. STEELE, with Eli Lilly & Co., Indianapolis, Ind.

WALTER A. STOUT, prescription clerk, with Stout Pharmacy, 2440 Laura Street, Indianapolis, Ind.

CLAUDE D. WALL, pharmacist, Elkhart, Ind.

GARTH B. YOUNG, manager Ponce de Leon Pharmacy, King and St. George Streets, St. Augustine, Fla.

1905.

EDWIN H. BAILEY, with the Magee's Pharmacy, Greensburg, Ind.

JOSEPH F. BRUNNER, pharmacist, in the firm Brunner & Reeder, Thirteenth and Locust Streets, Terre Haute, Ind.

GEORGE C. CARPENTER, with the City Hall Pharmacy, Terre Haute, Ind.

DAISE M. EMSHWILLER, pharmacist in the Emshwiller Drug Co., Montpelier, Ind.

HARMON B. FOX, prescription clerk, with J. G. Hart, Bicknell, Ind.

DANIEL P. GRIFFIN, with the Fisher's Pharmacy, College Avenue and 16th Street, Indianapolis, Ind.

- CLIFFORD HAMERSLEY, Clinton, Ind.
- WILLIAM P. HANNA, LaFayette, Ind.
- PHILIP E. HOOP, pharmacist, in the firm Schroeder & Hoop, Shelbyville, Ind.
- JOSEPH P. JAY, pharmacist, in the firm Jay Bros., Kokomo, Ind.
- WALTER E. JOLLY, pharmacist, in the Owl Drug Store, Bedford, Ind.
- GROVER C. KOHL, with O. N. Kadel, 13th and Poplar Streets, Terre Haute, Ind.
- ADDISON R. MAGEE, pharmacist, in the Magee's Pharmacy, Greensburg, Ind.
- FRED MARRS, with H. B. Rowe & Co., Paris, Ill.
- CHARLES H. MILLER, Ft. Wayne, Ind.
- FRANK V. MCCOLLOUGH, with E. A. Pierle, Pharmacist, 426 Vincennes Street, New Albany, Ind.
- JAMES P. McMILLAN, assistant cashier in the Medora State Bank, Medora, Ind.
- ARTHUR A. OSBURN, pharmacist, 12th and Main Streets, Terre Haute, Ind.
- RALPH T. RAYMOND, with A. B. Carr, 1849 North Alabama Street, Indianapolis, Ind.
- ROY B. REEDER, pharmacist in the firm Brunner & Reeder, Terre Haute, Ind.
- SAMUEL P. ROUSH, pharmacist, Danville, Ill.
- WALTER H. SCHULTE, pharmacist, corner LaFayette and Columbia Streets, Evansville, Ind.
- WALTER W. SHERTZER, pharmacist in the firm Shertzer Bros., Bloomfield, Ind.
- ANDREW J. SHURTE, with Geo. Ellis Drug Co., Fourth and Chestnut Streets, Terre Haute, Ind.
- ROY M. SKINNER, Ft. Wayne, Ind.
- ASA E. SMITH, with the Smith Drug Co., 115 Sycamore Street, Logansport, Ind.
- JOHN H. WEAVER, with R. W. Smith & Co., 1301 North Senate Avenue, Indianapolis, Ind.

1906.

- ERNEST M. ADAMS, with Chas. Shroyer Pharmacy, Warsaw, Ind.
- ROBERT M. BAILEY, with Beddoe & Chrisler Pharmacy, Bedford, Ind.
- EDGAR D. BAKER, with J. J. Lantz Pharmacy, Warsaw, Ind.
- EARL D. BENTLEY, prescription clerk, with Kluth Drug Co., LaFayette, Ind.
- JAMES O. BRYAN, Lewis, Ind.
- ARTHUR B. CARTER, prescription clerk, in the Carter Drug Co., Columbia City, Ind.
- GEORGE W. CASE, Indianapolis, Ind.
- JOHN K. CRANDALL, Paris, Ill.
- THOMAS B. CRIGLER, with Wells-Yeager-Best Co., LaFayette, Ind.
- WILLIAM H. CRISWELL, pharmacist, Churubusco, Ind.
- CLINT DAVENPORT, pharmacist, Crossville, Ill.
- WILLIAM C. ELSTON, Kewanna, Ind.
- EDWARD E. ERDMANN, Columbia City.
- EDWARD J. FREEBERG, student in Chemistry Department, Purdue University.
- JOHN A. J. FUNK, with the Weber Drug Co., Indianapolis, Ind.
- HARRY M. GEORGE, manager of the George & Son Pharmacy, Oolitic, Ind.
- REUBEN P. HAZEN, with the Swadley Pharmacy, Wabash, Ind.
- WILLIAM J. HOGAN, prescription clerk, with the Hogan Drug Co., LaFayette, Ind.
- SCOTT KELLEY, with the Daugherty's Pharmacy, Fairmount, Ind.
- RALPH B. LADD, Oxford, Ind.
- CHARLES I. LAMBERT, with the Fenger's Occidental Pharmacy, Indianapolis, Ind.
- LESTER H. LIPINSKY, student in the Chemistry Department, Purdue University.

JAMES M. MORRISON, prescription clerk at the Hoham's Drug Store, 1626 Calhoun Street, Ft. Wayne, Ind.

HARRY L. MCCLURE, Osgood, Ind.

COURTNEY B. McDONOUGH, prescription clerk, with the Freel & Mason Drug Co., Marion, Ind.

THOMAS M. O'CONOR, with the B. Cassaday Drug Co., West Terre Haute, Ind.

CARL J. REICHEL, with Eli Lilly Co., Indianapolis, Ind.

FRANCIS O. ROBERTS, student in the Chemistry Department, Purdue University.

CHARLES A. RODENBECK, pharmacist, Arcadia, Ind.

WILLIAM T. SHEARER, with the Columbia Pharmacy, Washington, Ia.

EDITH E. SOEST, prescription clerk, with the Soest Pharmacy, Ft. Wayne, Ind.

WILLIAM A. VAN LUE, with the O. L. Bishop Drug Co., Shelbyville, Ind.

WARREN A. VELLINGER, with the Woods Pharmacy, LaFayette, Ind.

JOHN L. WILSON, with W. R. Coleman, Crawfordsville, Ind.

With the Degree of Bachelor of Science in Pharmacy.

1898.

CHASE WOOD, manager Wood's Pharmacy, LaFayette, Ind.

1899.

CHARLES E. VANDERKLEED, A. C., head chemist, with the H. K. Mulford Co., Philadelphia, Pa.

EARL A. MEANS, with Bristol & Meyer Co., New York.

1900.

ELBERT W. RAWLINGS, drug clerk for Averitt Dorsey, 1475 Locust Street, Terre Haute, Ind.

WILBUR P. WESTFALL, pharmacist, in the firm of Westfall Drug Co. (two stores), Oklahoma City, Okla.

1901.

JOSIAH H. ANDREWS, cashier, First National Bank, Seymour, Ind.

EDWIN C. FORD, New Harmony, Ind.

THOMAS L. HAYWOOD, pharmacist, in the firm of Snoddy & Haywood, West LaFayette, Ind.

1904.

ARTHUR L. WALTERS, in charge of the Botanical and Physiological Departments of Eli Lilly & Co., Indianapolis, Ind.



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